

wireless transmissions between said particular mobile station MS and one of said fixed location transceivers, wherein said value is indicative of at least one of the following

10 conditions (a) through (e):

- (a) said one transceiver is active for wireless communication with said mobile station MS and a pilot signal by said one transceiver is detected by said mobile station MS;
- (b) said one transceiver is active for wireless communication with said mobile station MS and said one transceiver detects wireless transmissions by said mobile station MS;
- (c) said one transceiver is active for wireless communication with said mobile station MS and said one transceiver does not detect wireless transmissions by said mobile station MS;
- 20 (d) said one transceiver is active for wireless communication with said particular mobile station and said particular mobile station does not detect wireless transmissions by said one transceiver; and
- (e) said one transceiver is not active for wireless communication with said particular mobile station MS; and

25 further including an output gateway for transmitting, to a predetermined destination, a resulting location estimate that is dependent upon one or more location estimates determined by at least the location estimator LE.

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